

1.1.1.

DOSAControl Measurement and control device **DCW 230**

2-channel controller for potentiostatic and amperometric sensors, for measuring and control: pH, redox or pH, conductivity or pH-, free chlorine, chlorine dioxide, ozone, hydrogen peroxide, redox or conductivity and for measuring and indicating temperature.



24 V DC

Product description:

- Microprocessor unit with backlit LC display
- Settings via keypad
- Signal input for pH and redox electrodes, with BNC connector
- Inductive conductivity
- Conductive conductivity with cell constants 0.1, 1 and 10
- Input for amperometric sensors with 4–20 mA
- output signal Cl₂, ClO₂, O₂ or H₂O₂
- Temperature measurement with Pt100 or Pt1000
- Automatic temperature compensation
- Built-in data memory, with the option of creating data tables and charts
- 2 programmable 4–20 mA analogue outputs (500 Ω)
- 2 relay outputs for limits
- Communication via RS485 interface (Modbus protocol)
- Digital input for external dosing stop 24 V, 10 mA max.
- 1 alarm relay output or temperature setpoint
- 2 relay outputs for switching final control elements ON/OFF, 1 A relays at 230 VAC
- One relay output for sensor cleaning or temperature setpoint
- Power connection: 100–240 VAC ±10%, 50/60 Hz, (24 V DC as an option)
- Housing in ABS plastic, protection class IP65
- Connection cable is not included

Areas of application:

- Measurement and control of: pH, redox or pH conductivity or pH- free chlorine, chlorine dioxide, ozone, hydrogen peroxide, redox or conductivity as well as measurement and indication of temperature.

Scope of supply:

- **DOSAControl DCW 230**, IP65 housing, in ABS plastic for wall mounting

Ordering data:

Type:	Indicator:	Item number:
DCW 230	pH and redox	21230035
	pH and conductivity, inductive sensor	21230040
	pH and conductivity, conductive sensor	21230025
	pH and amperometric sensors with output signal for chlorine, chlorine dioxide, ozone or hydrogen peroxide and pH	21230015

Ordering data:

Type:	Indicator:	Item number:
DCW 230 24 V DC	DCW 230 – in 24 V DC version	90230430
	pH and redox	21230005
	pH and conductivity, inductive sensor	21230000
	pH and conductivity, conductive sensor	21230001
	pH and amperometric sensors with output signal for chlorine, chlorine dioxide, ozone or hydrogen peroxide and pH	21230010